## **ABSTRACT**

The present invention relates to an improved process for the preparation of heterocyclyl substituted adenosine derivatives. More particularly the invention is concerned with preparation of particular physical forms of (2S, 3S, 4R, 5R)-2-(5 tert-butyl-[1,3,4]oxadiazol-2-yl)-5-[6-(4-chloro-2-fluoro-phenylamino)-9H-purin-9-yl]-tetrahydro-furan-3,4-diol.